

30-039-07683

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO

(Submit 3 copies to OCD Aztec Office)

Operator MERIDIAN OIL Location: Unit SW Sec. 5 Twp 29 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 29-7 UNIT #79

cps 268w

Elevation 6102' Completion Date 8/19/66 Total Depth 540' Land Type* N/A

Casing, Sizes, Types & Depths N/A

If Casing is cemented, show amounts & types used N/A

If Cement or Bentonite Plugs have been placed, show depths & amounts used
N/A

Depths & thickness of water zones with description of water when possible:

Fresh, Clear, Salty, Sulphur, Etc. SAMPLE TAKEN

RECEIVED

MAY 31 1991

Depths gas encountered: N/A

OIL CON. DIV.
DIST. 3

Type & amount of coke breeze used: 7200 lbs.

Depths anodes placed: 505', 499', 493', 355', 349', 343', 337', 331', 325', 319', 313'

Depths vent pipes placed: 493' OF 3/4" HOSE 30'

Vent pipe perforations: 200'

Remarks: gb #2

If any of the above data is unavailable, please indicate so. Copies of all logs, including Drillers Log, Water Analyses & Well Bore Schematics should be submitted when available. Unplugged abandoned wells are to be included.

*Land Type may be shown: F-Federal; I-Indian; S-State; P-Fee.
If Federal or Indian, add Lease Number.

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Date 8-19-66

Well Name <u>SJ 29-7 # 79 (Was Boline No. 2)</u>			CPS No. <u>268 W</u>			
Location <u>SW 5-29-7</u>			Work Order No. <u>184-20024-50.20</u>			
Anode Hole Depth <u>540</u>	Total Drilling Rig Time <u>38 Hrs</u>	Type & Size Bit Used <u>54900 = 240</u> <u>6 1/4" = 18582 = 300</u>		No. Sacks Mud Used <u>5</u>		
No. Sacks Lost Circulation Mat'l Used <u>1</u>	Anode Depth	# 1 <u>505</u>	# 2 <u>499</u>	# 3 <u>493</u>	# 4 <u>355</u>	# 5 <u>349</u>
Total Lbs. Coke Used <u>7200</u>	Anode Output (Volts)	# 1 <u>2.4</u>	# 2 <u>2.7</u>	# 3 <u>2.9</u>	# 4 <u>2.8</u>	# 5 <u>2.7</u>
Total Circuit Resistance Volts <u>11.0</u>	Amps <u>9.0</u>	Ohms <u>1.22</u>	No. Ft. Surface Cable Conduit <u>4956 Anodes - 175 Surface = 5131</u>			
Drilling Log (Attach Hereto). ☐		7 <u>337</u>	8 <u>331</u>	9 <u>325</u>	10 <u>319</u>	11 <u>313</u>
		7 <u>3.3</u>	8 <u>3.5</u>	9 <u>3.0</u>	10 <u>3.6</u>	11 <u>3.5</u>
						12 <u>3.0</u>

Remarks:

3/4" Hose to No. 3 Anode - Perforated 200'
175 lbs Calcium Chloride to Hole While Coking

NOTE - Used 12 Anodes - Due to low output Per Anod
And High output Required at Well

All Construction Completed

Barrels

(Signature)

GROUND BED LAYOUT SKETCH



MORNING

WELL NO. 268 WD CONTRACTOR L. E. W. J. 1900

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EVENING

DATE 8-5-66

15

MORNING												DAYLIGHT												EVENING											
DRIFFER		TOTAL MEN IN CREW				DRIFFER		TOTAL MEN IN CREW				DRIFFER		TOTAL MEN IN CREW																					
FROM	TO	FORMATION	WT-BIT	RPM.		FROM	TO	FORMATION	WT-BIT	RPM.		FROM	TO	FORMATION	WT-BIT	RPM.		FROM	TO	FORMATION	WT-BIT	RPM.		FROM	TO	FORMATION	WT-BIT	RPM.							
0'	140'	SAND & CLAY																																	
140'	300'	SAND STONE																																	
	640'	SAND STONE																																	

NO. DC. SIZE LENG.				NO. DC. SIZE LENG.				NO. DC. SIZE LENG.			
BIT NO.				BIT NO.				BIT NO.			
SERIAL NO.				SERIAL NO.				SERIAL NO.			
SIZE				SIZE				SIZE			
TYPE				TYPE				TYPE			
MAKE				MAKE				MAKE			
MUD RECORD				MUD RECORD				MUD RECORD			
TIME				TIME				TIME			
FROM				FROM				FROM			
TO				TO				TO			
TIME BREAKDOWN				TIME BREAKDOWN				TIME BREAKDOWN			
18582X 01/10 300'				54900-300' 10 000'							
6 1/4				6 1/4							
SINGLES				SINGLES							
DOWN ON KELLY				DOWN ON KELLY							
TOTAL DEPTH				TOTAL DEPTH							
MUD ADDITIVES USED AND RECEIVED				MUD ADDITIVES USED AND RECEIVED							
8-15-66 - 9 HRS				8-15-66 - 9 HRS							
8-16-66 - 9 HRS				8-16-66 - 9 HRS							
8-17-66 - 10 HRS				8-17-66 - 10 HRS							
8-18-66 - 6 HRS				8-18-66 - 6 HRS							
8-19-66 - 4 HRS				8-19-66 - 4 HRS							
TOTAL 38 HRS				TOTAL 38 HRS							

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REMARKS

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8-8-66 - LEFT WARD AT 6:00 ARRIVED LOC AT 7:30 PUT WADY PIPE IN WELL DRILLED FROM 0' TO 100' WITH AIR DRUM BIT CHANGED TO 6 1/4" DRILLED FROM 0' TO 300' DOWN, THE HOP REBATES ON RQ LEFT AT 3:00.	
8-16-66 - LEFT WARD AT 4:00 ARRIVED LOC. 7:16 DRILLED FROM 350' TO 400', DOWN TIME 30 MIN. FOR REPAIRS ON AIRG LEFT LOC AT 4:30 RAIN.	
8-17-66 - LEFT WARD AT 6:00 ARRIVED LOC AT 7:30, DRILLED FROM 400' TO 500', DOWN TIME 15 MIN. FOR WELD DRILLING IN WELL LEFT LOC AT 5:00.	
8-18-66 - LEFT WARD AT 6:00 ARRIVED LOC. 7:20 DRILLED FROM 500' TO 540' LEFT LOC AT 1:00.	
8-19-66 - LEFT WARD AT 6:00 ARRIVED LOC. 7:20, WADYED HOLE OUT LEFT LOC AT 11:00	

SIGNED: Toolpusher

Company Supervisor

Offhand

EL PASO NATURAL GAS COMPANY
SAN JUAN DIVISION
FARMINGTON, NEW MEXICO
PRODUCTION DEPARTMENT WATER ANALYSES

ANALYSIS NO.: J-11788 DATE: NOVEMBER 15, 1985
OPERATOR: MERIDIAN OIL WELL NAME: SJ 29-7 #79 CPS #240W
LOCATION: M 5-29-7 COUNTY RIO ARriba STATE: NM
FIELD: FORMATION: SURFACE WATER
SAMPLED FROM: GROUND BED
DATE SAMPLED: SEPTEMBER 27, 1985 SECURED BY:
TUBING PRESSURE: CASING PRESSURE:
SURFACE CASING PRESSURE:

	SAMPLE SIZE	ml. TIT	AS CaCO ₃	AS ION	epm
TOTAL ALKALINITY	50	1.9	38		
P ALKALINITY	50	0	0		
BICARBONATE	50	1.9	38	46	0.76
CARBONATE	50	0	0	0	0.00
CHLORIDE	50	.8		16	0.45
SULFATE				2420	50.34
TOTAL HARDNESS	25	30	1200		
CALCIUM	25	29.7	1188	475	23.76
MAGNESIUM	25	.3	12	3	0.24
IRON				ABSENT	
SODIUM (CALCULATED)				634	27.55
H ₂ S				ABSENT	
HYDROCARBONS				ABSENT	
TOTAL DISSOLVED SOLIDS				3008	
PH				7.6	
SPECIFIC GRAVITY			1.0024 AT 80F		
RESISTIVITY			303 OHM-CM AT		
CONDUCTIVITY			3300 MICROMHOS @ 25C.		

ALL RESULTS EXPRESSED IN PARTS PER MILLION-TRACE IS LESS THAN 0.1 ppm

CC: R. A. ULLRICH
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D. C. ADAMS
W. F. LORETT

D. L. WILLIAMS
E. L. KARDOS
E. F. FIVE

SANDRA ARABON
CHEMIST

AB

